

PRO 25ax

HYPERCARDIOID DYNAMIC
INSTRUMENT MICROPHONE



PRO 25ax SPECIFICATIONS†

ELEMENT	Dynamic
POLAR PATTERN	Hypercardioid
FREQUENCY RESPONSE	30-12,000 Hz
OPEN CIRCUIT SENSITIVITY	-54 dB (1.9 mV) re 1V at 1 Pa*
IMPEDANCE	600 ohms
WEIGHT (less accessories)	8.1 oz (230 g)
DIMENSIONS	4.45" (113.0 mm) long, 1.97" (50.0 mm) maximum diameter
OUTPUT CONNECTOR	Integral 3-pin XLRM-type
ACCESSORIES FURNISHED	AT8471 isolation clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; soft protective pouch

†In the interest of standards development, A.T.U.S. offers full details on its test methods to other industry professionals on request.
*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL
Specifications are subject to change without notice.

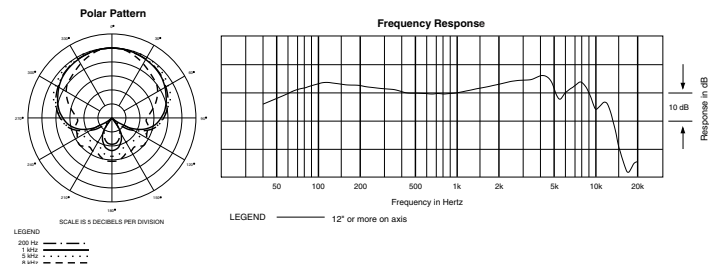
- Ideal for kick drum, percussion, brass, and other highly dynamic instruments
- Excels in high-SPL applications
- Warm low-frequency response with excellent presence
- Superior off-axis rejection for maximum gain before feedback
- Versatile mounting options and effective dampening of mechanical noise thanks to included AT8471 isolation clamp
- Corrosion-resistant contacts from gold-plated XLRM-type connector
- Rugged design and construction for reliable performance
- Hypercardioid polar pattern improves isolation of desired sound source

Output from the microphone's XLRM-type connector is low impedance (Lo-Z) balanced. The signal appears across Pins 2 and 3; Pin 1 is ground (shield). Output phase is "Pin 2 hot"—positive acoustic pressure produces positive voltage at Pin 2.

To avoid phase cancellation and poor sound, all mic cables must be wired consistently: Pin 1-to-Pin 1, etc.

The PRO 25ax includes an AT8471 isolation clamp to provide secure mounting, versatile positioning, and effective dampening of unwanted mechanical noise.

Take care to keep foreign particles from entering the windscreen. An accumulation of iron or steel filings on the diaphragm, and/or foreign material in the windscreen's mesh surface, can degrade performance.



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